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Patent

In the United States Patent and Trademark Office

Application No. 10/716,353

Confirmation No. 7621

Applicant: M. Subramanian

Filed: November 18, 2003

Group Art Unit: 2826

Examiner: Thomas Dickey

Docket No. CL-2172 US NA

Customer No. 23906

December 3, 2004

Response to Office Action

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

In reply to Paper No. _____, the August 4, 2004 Office
Action concerning this application, Applicant respectfully submits the
following pursuant to 37 CFR §1.111:

Application No. 10/716,353
Art Unit 2826, Examiner Dickey
Docket No. CL-2172 US NA
December 3, 2004
Page No. 2

Amendments

Please amend this application as follows:

In the Written Description:

I.

On Page 2 following Line 16, please insert the following new paragraph:

Brief Description of the Drawings

Figure 1 shows a capacitor.

Figure 2 shows an AC-DC rectifier with a capacitor filter circuit.

II.

On Page 5 following Line 10, please insert the following new paragraph:

A capacitor may include a composition of this invention as the dielectric. A typical capacitor, which is a passive electronic component that stores energy in the form of an electrostatic field, is shown in Figure 1. Figure 1 shows a capacitor 10, electrical input lines 12, 14 (such as from a battery, not shown) running to the capacitor 10, and two electrodes 16 and 18 separated by a dielectric 20. An electronic device may be made from a capacitor that includes a composition of this invention as the dielectric. A typical example of such an electronic device is an AC-DC rectifier with a capacitor filter circuit in which the capacitor filters the ripple voltage. Figure 2 shows such a device 22, which has AC input lines 24, a rectifier 30, a capacitor 26, and DC output lines 28.